

VI.5.3C-MAPE-TECH PROGRAM FCST FUNCTION MAPE HCL TECHNIQUES

This Section describes the Hydrologic Command Language (HCL) Techniques used by the Operational Forecast Program Function MAPE.

A detailed description of each Technique is in Section VI.5.3D [[Hyperlink](#)].

The Techniques used by Function MAPE can be categorized as those:

- o often used
- o not often used
- o not used for forecasting

Technique Notes Description

Techniques Often Used

Techniques to specify the run period:

STARTRUN	<u>1/</u> <u>2/</u>	Sets the time for the start of run
LSTCMPDY	<u>1/</u> <u>2/</u>	Sets the time for the end of computational (observed data) period
ENDRUN		Sets the time for the end of run
LSTALLOW	<u>1/</u> <u>2/</u>	Sets the future time limit for the Technique LSTCMPDY

Techniques Not Often Used

MAPE display control Techniques:

STNPE	<u>2/</u>	Selects the display option for computed station PE and the input meteorological variables used in the computation: STNPE(0) = do not print STNPE(1) = print PE and input data STNPE(2) = print PE only
PRTMAPE	<u>2/</u>	Specifies whether MAPE time series values are to be printed
PRLASTDY	<u>1/</u> <u>2/</u>	Specifies whether only the last observed day is to be printed

General display control Techniques:

METRIC	<u>1/</u> <u>2/</u>	Sets the English/Metric option for output
NOUTDS	<u>1/</u> <u>2/</u>	Specifies if output should be in daylight or standard time
NOUTZ	<u>1/</u> <u>2/</u>	Sets the time zone number for output

Technique Notes Description

Techniques Not Used for Forecasting

PPDEBUG	<u>1/</u> <u>2/</u>	Sets the debug codes for Preprocessor Component routines
PPTRACE	<u>1/</u> <u>2/</u>	Sets the trace level for Preprocessor Component routines

Notes:

- 1/ The Technique is used by other Functions and will apply to all Functions unless changed between COMPUTE commands.
- 2/ Techniques are either Universal or Nonuniversal depending on whether their values can be changed during the COMPUTE of a Function. Universal Techniques are assigned a single value for the COMPUTE of a Function. Nonuniversal Techniques can be changed within the COMPUTE of a Function.

All Techniques are Universal.